MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

MAY, 1927

J. A. BROWN, DIRECTOR

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MAY 1927

METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude				Thermometer Cent.			Bright Sunshine	Rain
	8:30	2:30	8:30	Mean	Max.	Min.	Min on grass	hrs.	m.m.
1	757.6	757.6	757.3	757.5	21.7	15.1		.4	1.83
2	6.9	7.2	8.0	757.5	22.2	16.8		2.3	1.35
3	9.0	9.1	9.8	759.3	23.4	17.6		5.5	
4	61.1	60.7	61.1	760.9	22.6	15.6		13	
5	1.5	1.9	1.8	761.7	23.3	17.2		12.8	
6	761.1	760.4	760.6	760.7	23.8	17.2		12	
7	0.3	59.9	0.1	760.1	24.0	17.0		12.9	
8	0.9	60.1	0.6	760.5	24.4	17.2		11.8	
9	0.7	0.0	0.2	760.3	24.7	18.2		12.8	
10	0.5	59.9	59.9	760.1	25.4	18.8		11.6	
11	759.7	759.3	758.8	759.2	26.7	18.9		12.7	
12	9.1	7.6	8.2	758.3	27.5	20.1		12.5	
13	9.7	8.4	8.7	758.9	26.2	19.2		12.7	
14	8.2	8.5	9.0	758.6	27.1	19.7		11.7	
15	8.3	8.3	8.8	758.5	33.2	21.2		9.6	
16	760.0	759.6	760.1	759.9	29.3	23.8		11.4	
17	0.7	60.2	60.7	760.5	31.7	24.1		12.4	
18	0.3	0.	0.2	760.2	26.6	19.4		13	
19	0.9	0.6	0.6	760.7	26.4	18.3		13.1	
20	0.9	0.1	59.4	760.1	26.7	20.2		13.3	
21	759.3	758.7	759.4	759.1	27.9	19.9		12.7	
22	9.5	9.0	9.3	759.3	26.9	18.8		13.3	
23	9.6	9.1	9.0	759.2	26.8	18.3		12.5	
24	9.0	7.8	7.1	758.0	26.7	18.8		12.7	
25	4.3	5.7	7.3	755.8	30.5	20.4		12.3	
26	758.3	759.2	760.6	759.4	26.4	21.0		9.6	
27	62.2	61.9	1.3	761.8	25.9	19.7		11.1	.02
28	1.5	0.3	0.1	760.6	27.1	18.9		13	
29	59.4	59.0	58.2	758.9	28.4	19.5		13.5	
30	7.2	6.1	5.0	756.1	28.0	20.6		12.9	
31	4.4	3.7	3.6	753.9	27.7	20.3		13.2	
	759.4	759.0	759.2	759.2	26.4	19.0		11.42	3.20

BAROMETER

Maximum 762.2 on 27th

Minimum 753.6 on 31st

THERMOMETER

Maximum 33.2 on 15th

Minimum 15.1 on 1st

RAINFALL

Maximum 1.83 on 1st

Number of days with rain 3, thunderstorms 0, gales 0.

MAY 1927

METEOROLOGICAL REGISTER

Date	Dry Bulb Cent. (Corrected)				Wet Bulb Cent. (Corrected)			Elasticity of Vapor m.m.				Relative Moisture per cent.			
	8:30	2:30	8:30	Mean	8:30	2:30	8:30	8:30	2:30	8:30	Mean	8:30	2:30	8:30	Mean
1	20.0	19.2	17.7	18.9	18.5	17.2	15.9	14.7	13.2	12.2	13 4	85	80	81	82
2	18.7	20.3	18.3	19.1	17.3	18.0	17.1	13.6	13.7	13.6	13.6	85	77	87	83
3	21.0	21.0	18.3	20.1	17.7	18.1	16.3	12.8	13.3	12.4	12.8	71	72	80	74
4	20.5	22.1	18.4	20.3	17.4	17.8	16.3	12.7	12.4	12.3	12.5	70	62	79	70
5	21.0	22.9	19.8	21.2	17.4	19.6	17.9	12.3	14.5	14.0	13.6	67	70	82	73
6	22.1	23.2	18.9	21.4	19.3	19.9	17.7	14.6	15.0	14.1	14.6	74	71	86	77
7	21.5	23.8	19.4	21.6	19.4	20.9	18.1	15.1	16.3	14.5	15.3	79	75	86	80
8	22.1	23.7	20.2	22.0	19.4	20.5	18.6	14.8	15.6	14.6	15.0	75	71	83	76
9	22.7	24.2	20.5	22.5	19.7	20.9	18.8	14.9	16.0	14.9	15.3	73	71	83	75
10	23.3	24.9	21.3	23.2	20.5	22.3	20.2	15.8	18.0	16.7	16.8	74	76	88	79
11	24.2	26.0	22.2	24.1	21.3	23.3	20.2	16.7	19.0	16.1	17.3	74	76	81	77
12	25.2	26.6	22.5	24.8	22.8	23.9	21.7	18.7	19.7	18.7	19.0	79	75	92	82
13	23.2	26.1	22.3	23.9	21.0	22.9	21.0	17.2	18.2	17.5	17.6	80	72	88	80
14	24.2	25.9	22.3	24.1	22.2	23.7	21.0	18.2	20.0	17.0	18.4	82	81	88	84
15	29.0	29.0	26.8	28.3	24.8	26.1	22.2	19.7	22.3	16.4	19.5	65	75	62	67
16	28.3	28.3	26.9	27.8	22.2	24.8	22.7	15.4	20.1	17.2	17.6	54	70	65	63
17	26.9	30.4	24.1	27.1	23.4	23.4	19.9	18.5	16.2	14.4	16.4	69	50	65	61
18	23.9	25.6	20.8	23.4	21.0	22.7	19.2	16.4	18 1	15.2	16.6	74	74	83	77
19	23.4	26.1	21.5	23.7	20.0	21.3	19.8	14.9	15.4	15.8	15.4	69	61	82	70
20	23.8	25.1	22.5	23.8	18.2	21.4	20.6	12.1	16.3	17.4	15.3	54	68	86	69
21	24.8	27.7	21.8	24.8	21.8	23.4	20.6	17.1	17.9	17.1	17.4	74	64	88	75
22	24.4	26.1	20.3	23.6	21.0	20.5	17.7	16.0	14.1	13.3	14.5	71	56	75	67
23	23.9	25.6	21.0	23.5	20.4	21.0	19.5	15.3	15.3	15.7	15.4	69	63	84	72
24	24.2	25.5	21.7	23.8	21.0	21.9	20.6	16.2	16.8	16.7	16.6	72	69	86	75
25	25.9	28.1	23.3	25.8	21.5	23.9	21.5	15.8	18.6	17.7	17.4	64	66	83	71
26	25.3	24.9	22.2	24.1	21.4	19.9	17.9	16.1	13.9	12.5	14.2	67	60	62	63
27	21.2	24.8	21.6	22.5	18.8	19.4	17.7	14.4	13.2	12.5	13.4	78	58	65	67
28	23.9	25.3	22.6	23.9	18.5	20.9	20.2	12.4	15.3	15.8	14.5	56	64	78	66
29	25.3	27.2	22.9	25.1	21.7	22.2	20.5	16.6	16.1	16.1	16.3	69	60	78	69
30	24.3	26.9	23.3	24.8	21.5	22.2	21.0	17.1	16.3	17.0	16.8	76	61	80	72
31	24.7	27.2	22.1	24.7	21.7	22.9	20.8	17.1	17.4	17.2	17.2	73	65	87	75
	23.6	25.6	21.5	23.6	20.4	21.5	19.4	15.6	16.4	15.4	15.8	71.7	68.2	80.4	73.2

Height of Barometer above sea level: 33.7 meters.

„ „ Thermometers above ground:

Dry and wet 1.55 m.: Max. 1.75 m.: Min. 1·70 m

Height of Rain Gauge: above ground 0.56 m.: above sea level 30.31 m

Gravity Correction — 0.79mm.

Time of readings according to Standard Time of 30th E. Meridian.

MAY 1927

METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	2:30	8:30	Mean	8:30	2:30	8:30	Km.		
1	9	10cu n	3	7.3	2w	0	0	122.6	calm	
2	10cu n	8str. n	3	7.0	2	4	3nw	183.6	,,	
3	9	9	2	6.7	4nw	4w	3nw	266.0	,,	
4	3	3alt.cu	1ci cu	2.3	3nw	2nw	2nw	151.3	,,	
5	1al. cu	2	4	2.3	2	3nw	1se	190.1	,,	
6	6	1ci cu	2ci	3.0	1	1nw	0	123.9	,,	
7	2al. cu	1	0	1.0	2	1w	0	104.5	,,	gn. br. eve.
8	3	1	0	1.3	2nw	2n	2n	147.4	,,	dew in mor.
9	1al. cu	1ci cu	0	.7	1s	2nw	0	157.4	,,	
10	5al. cu	1	1ci cu	2.3	2ne	2	3ne	229.5	,,	
11	0	0	7ci cu	2.3	1	2nw	2e	210.0	,,	
12	0	0	0	0.0	2ne	1ne	2ne	106.4	,,	
13	1ci cu	0	1ci cu	.7	2	1nw	1ne	144.0	,,	mt.hv.d.mor
14	6ci cu	2ci cu	5al.cu	4.3	3	1nw	1ne	182.6	,,	dew in mor.
15	5al. cu	2ci cu	1ci cu	3.7	1	2ne	1e	130.8	,,	
16	2ci cu	1ci cu	2ci cu	1.7	1n	2ne	6n	282.1	,,	
17	0	0	0	0.0	0	1ne	1	289.1	,,	mist. gen br.
18	2	1	1	1.3	5	3	2s	218.9	v. slight	in mor.]
19	7ci cu	1	0	2.7	2e	2w	4se	152.1	calm	
20	1	1	0	.7	3ne	4ne	2e	336.1	v. slight	
21	1	1	0	.7	1	1	0	135.7	calm	mist in mor.
22	2al. cu	2	0	1.3	3	3	0	146.9	,,	
23	3ci cu	7ci cu	0	3.3	2	4w	0	132.7	,,	
24	1	1	0	.7	3w	1w	0	98.4	,,	dew in mor.
25	0	4ci cu	0	1.3	1se	2nw	0	119.6	,,	dew in mor.
26	5ci cu	6	2	4.3	1ne	5nw	3nw	313.8	slight	few drops of
27	9cu n	2	0	3.7	3nw	2w	1nw	260.9	,,	rain in after-
28	1ci	0	2	1.0	1nw	4nw	3nw	294.1	calm	noon]
29	0	0	0	0.0	1	1nw	2n	190.7	,,	
30	1	0	0	.3	2w	1nw	1ne	175.3	,,	
31	1	0	1	.7	3nw	2w	0	154.6	,,	
				2.21				185.52		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	1	4	1	1	1	13	3	6	1
2:30	1	5	0	0	0	5	7	12	1
8.30	3	5	3	2	1	1	0	6	10
Totals	5	14	4	3	2	19	10	24	12

N. B. — Cloud numbers without letters are all cu.
Wind ,, ,, ,, ,, ,, sw,